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IN THE UNITED STATES PATENT AND TRADEMARK OF

MAR 21 2003 TIECHNOLOGY CENTER 2800

PASE patent application of

Katsuhide MANABE, et al.

Serial No.:

10/052,347

Group Art Unit:

2812

Filing Date:

January 23, 2002

Examiner:

Mulpuri, Savitri

For:

A METHOD FOR MANUFACTURING A GALLIUM NITRIDE GROUP

COMPOUND SEMICONDUCTOR

Assistant Commissioner of Patents

Washington, D.C. 20231

SUPPLEMENTAL REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEY

Sir:

Nagoya University hereby certifies, pursuant to 37 C.F.R. § 3.73(b), that it is a joint assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office in Parent Application No. 09/417,778, filed on October 14, 1999.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, joint title is in the assignee identified above.

The undersigned, whose signature and title appear below, is empowered to act on behalf of Nagoya University, a joint assignee of the entire right, title, and interest of the present application.

I, the undersigned, hereby revoke all previous powers of attorney given in the aboveidentified application for letters patent, which application was filed on January 23, 2002, for an invention entitled "A METHOD FOR MANUFACTURING A GALLIUM NITRIDE GROUP Revocation of Power of Attorney - Nagoya University U.S. Application No. 10/052,347 FUJIT.020CONT

COMPOUND SEMICONDUCTOR", Serial No. 10/052,347, and I hereby appoint Sean M. McGinn, Reg. No. 34,386, of McGinn & Gibb, PLLC, 8321 Old Courthouse Road, Suite 200, Vienna, Virginia 22182-3817, (703) 761-4100, as our attorney to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: March 12, 2003

Minoru Matsuo (Signature)

___(Typed Name)

President (Title)

NAGOYA UNIVERSITY



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Assistant Commissioner of Patents

Washington, D.C. 20231

SUPPLEMENTAL REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW ATTORNEY

Sir:

Japan Science and Technology Corporation hereby certifies, pursuant to 37 C.F.R. § 3.73(b), that it is a joint assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office in Parent Application No. 09/417,778, filed on October 14, 1999.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, joint title is in the assignee identified above.

The undersigned, whose signature and title appear below, is empowered to act on behalf of Japan Science and Technology Corporation, a joint assignee of the entire right, title, and interest of the present application.

I, the undersigned, hereby revoke all previous powers of attorney given in the aboveidentified application for letters patent, which application was filed on January 23, 2002, for an invention entitled "A METHOD FOR MANUFACTURING A GALLIUM NITRIDE GROUP Revocation of Power of Attorney - Japan Science and Technology Corporation U.S. Application No. 10/052,347 FUJIT.020CONT

COMPOUND SEMICONDUCTOR", Serial No. 10/052,347, and I hereby appoint Sean M. McGinn, Reg. No. 34,386, of McGinn & Gibb, PLLC, 8321 Old Courthouse Road, Suite 200, Vienna, Virginia 22182-3817, (703) 761-4100, as our attorney to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Mar 7, 2003

Vantaka Vsi (Signature)

Naotaka Oki (Typed Name)

Vice President (Title)

JAPAN SCIENCE AND TECHNOLOGY CORPORATION